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ABSTRACT OF THE INVENTION

A method and an apparatus are provided for combining a plurality of random number generators into a combined random number generator. The outputs of the plurality of generators are interleaved into a combined stream of random numbers selected from each of the plurality of random-number generators. A value of x is calculated by each of the random number generators. Each of the values of x is mapped to a respective arrival time t for each of the random number generators. One of the random number generators having an earliest respective arrival time t is determined. A random number based on the arrival time t is generated.